

## SEQUENCE LISTING

<110> CropDesign N.V.

<120> Plants having modified growth characteristics and method for making the same

<130> 1187-30

<150> PCT/EP2004/053594  
<151> 2004-12-17

<150> EP 03104764.0  
<151> 2003-12-17

<150> US 60/531,866  
<151> 2003-12-22

<160> 7

<170> PatentIn version 3.3

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<211> 1380  
<212> DNA  
<213> Nicotiana tabacum

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<213> *Nicotiana tabacum*

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35 40 45

Pro Leu Asn Thr Arg Gln Asp Gln Gln Pro Ser Tyr Thr Lys Thr Ser  
50 55 60

Pro Gln Lys Pro Ser Asn Ser Asp Gln Arg Ile Glu Asn Ile Cys Glu  
65 70 75 80

Ile Gln Phe Asn Lys Ser Glu Ser Lys Asp Gly Phe Asp Pro Phe Gly  
85 90 95

Glu Leu Val Thr Ser Gly Lys Arg Asn Pro Lys Gly Tyr Ser Leu Thr  
100 105 110

Asn Val Phe Glu Cys Pro Val Cys Gly Ser Gly Phe Val Ser Glu Glu  
115 120 125

Glu Val Ser Thr His Ile Asp Ser Cys Leu Ser Ser Glu Val Ser Ser  
130 135 140

Asn Leu Gly Val Glu Ser Lys Val Glu Val Lys Ser Glu Leu Glu Thr  
145 150 155 160

Cys Val Ser Ala Tyr Val Ser Gly Lys Pro Ser Glu Gly Ser Val Glu  
165 170 175

Val Val Ile Lys Leu Leu Lys Asn Ile Val Lys Glu Pro Glu Asn Ala  
180 185 190

Lys Phe Arg Lys Ile Arg Met Gly Asn Pro Lys Ile Lys Gly Ala Ile  
195 200 205

Gly Asp Val Val Gly Gly Val Glu Leu Leu Glu Phe Val Gly Phe Glu  
210 215 220

Leu Lys Glu Glu Gly Gly Glu Ile Trp Ala Val Met Asp Val Pro Ser  
225 230 235 240

Glu Glu Gln Leu Val Met Leu Lys Asn Val Val Ser Leu Leu Glu Pro  
245 250 255

Lys Lys Val Glu Glu Leu Ala Ser Leu Ser Gln Val Lys Ala Ser Glu  
260 265 270

Pro Val Glu Pro Lys Lys Ile Asp Arg Gln Ile Arg Val Phe Phe Ser  
275 280 285

Val Pro Glu Ser Val Ala Ala Lys Ile Glu Leu Pro Asp Ser Phe Phe  
290 295 300

Asn Leu Ser Arg Glu Glu Leu Arg Arg Glu Ala Glu Met Arg Lys Lys  
305 310 315 320

Lys Leu Glu Asp Ser Lys Leu Leu Ile Pro Lys Ser Tyr Arg Glu Lys  
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Gln Ala Lys Ala Ala Arg Lys Lys Tyr Thr Lys Ser Ile Ile Arg Val  
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Gln Phe Pro Asp Gly Ala Leu Leu Gln Gly Val Phe Leu Pro Ser Glu

355

360

365

Pro Thr Ser Ala Leu Tyr Glu Phe Val Ser Ala Ala Leu Lys Glu Pro  
 370 375 380

Ser Leu Glu Phe Glu Leu Leu His Pro Val Leu Val Lys Lys Arg Val  
 385 390 395 400

Ile Pro His Phe Pro Ala Ala Gly Glu Arg Ala Val Thr Val Glu Glu  
 405 410 415

Glu Asp Leu Val Pro Ala Ala Leu Leu Lys Phe Lys Pro Ile Glu Thr  
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Asp Ser Val Val Phe Thr Gly Leu Cys Asn Glu Leu Leu Glu Ile Ser  
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 <223> n can be any nucleotide

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 tcgccaccta ccccgcccac tttaaccacc gatttgacct ccttcacgcc cctcgtctgc 240  
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<220>  
<221> MISC\_FEATURE  
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35 40 45

Pro Ser Pro Asn Leu Arg Pro Ala Pro Lys Arg Thr Ser Pro Pro Thr  
50 55 60

Pro Pro Thr Leu Thr Thr Asp Leu Thr Ser Phe Thr Pro Leu Val Cys

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Thr Val Ala Cys Pro Ser Cys Gly Asp Ala Phe Pro Ser Glu Leu Ala	100	105	110
Val Ser Glu His Leu Asp Gly Cys Leu Ala Ser Ala Gly Gly Ala Arg	115	120	125
Ala Arg Ala Ala Ala Tyr Leu Ala Ala Asp Pro Pro Pro Pro Ala Ala	130	135	140
Ser Val Glu Val Val Lys Arg Leu Leu Gly Asn Leu Leu Arg Glu Pro	145	150	155
Gly Asn Asp Lys Phe Arg Arg Val Arg Leu Gly Asn Pro Arg Ile Lys	165	170	175
Glu Ala Leu Ala Asp Arg Asp Gly Gly Val Glu Leu Leu Glu Ala Val	180	185	190
Gly Phe Thr Val Gly Asp Glu Gly Gly Glu Pro Phe Ala Val Met Asp	195	200	205
Glu Val Pro Ser Asp Pro Arg Leu Asn Gly Ile Arg Arg Ala Val Leu	210	215	220
Leu Leu Glu Gly Ala His Pro Ser Ala Pro Pro Val Lys Ala Glu Ala	225	230	235
Glu Ala Lys Glu Ser Cys Ser Asn Val Ser Asp Val Gln Glu Gly Ala	245	250	255
Lys Thr Ile Asp Arg Gln Ile Arg Val Phe Val Ser Val Pro Gly Ser	260	265	270
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Glu Glu Ile Arg Asn Glu Ala Lys Met Arg Arg Glu Arg Leu Glu Gln	290	295	300

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Ala Arg Gln Lys Tyr Lys Gln Ala Val Ile Arg Val Gln Phe Pro Asp  
 325 330 335

Arg Met Ile Leu Gln Gly Ile Phe Leu Pro Gly Glu Ala Thr Ser Ser  
 340 345 350

Leu Tyr Glu Phe Val Thr Ser Ala Leu Lys Gln Ser Gly Leu Glu Phe  
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Glu Leu Ile Ser Pro Ala Ile Pro Lys Pro Arg Val Val Pro His Phe  
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Pro Asn Pro Gly Glu Arg Ala Arg Thr Leu Gln Glu Glu Glu Leu Val  
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Pro Ser Ala Leu Leu Lys Phe Ile Pro Lys Glu Thr Asp Ser Met Val  
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 <213> Artificial sequence

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 deltaG terminator (2615-2808 and 2852-3048)

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 <212> DNA  
 <213> *Oryza sativa*

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 <213> Oryza sativa

<400> 7

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35 40 45	

Ser Arg Pro Ala Ala Pro Arg Arg Glu Ala Ala Ala Ser Ala Arg Pro	
50 55 60	

Pro Ser Ser Gly Phe Ala Pro Tyr Ser Pro Leu Ile Ser Thr Ser Ser	
65 70 75 80	

Arg Arg Thr Asp Pro Pro Ala Gly Ala Gly Ala Gly Glu Asp Asp Ala  
85 90 95

Val Ala Cys Pro Ser Cys Ala Glu Pro Phe Pro Ser Glu Leu Ala Val  
100 105 110

Ser Asp His Leu Asp Gly Cys Leu Ala Ala Ala Gly Gly Ala Arg Pro  
115 120 125

Arg Ala Ala Ala Tyr Leu Ala Gly Asp Pro Pro Ala Ser Ala Val Glu  
130 135 140

Val Val Lys Arg Leu Leu Gly Asn Leu Leu Ser Asp Pro Arg Asn Asp  
145 150 155 160

Lys Tyr Arg Lys Val Arg Leu Gly Asn Pro Arg Ile Lys Glu Ala Leu  
165 170 175

Ala Asp Arg Glu Gly Gly Val Asp Leu Leu Glu Ala Val Gly Phe Arg  
180 185 190

Val Ala Asp Glu Gly Gly Glu Leu Phe Ala Leu Met Asp Glu Val Pro  
195 200 205

Gly Asp Ala Arg Leu Gly Gly Ile Arg Gln Ala Val Leu Leu Leu Glu  
210 215 220

Arg Ala Arg Pro Ser Thr Pro Pro Gln Thr Gln Ala Asp Ala Lys Glu  
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Thr Cys Pro Asn Gly Val Ser Glu Glu Gln Gly Ile Lys Lys Pro Val  
245 250 255

Asp Arg Gln Ile Arg Val Phe Phe Ser Val Ala Ala Ser Ser Val Ala  
260 265 270

Glu Asn Asp Leu Pro Asp Ser Phe Tyr Ser Leu Ser Asn Glu Glu Ile  
275 280 285

Arg Asn Glu Ala Lys Met Arg Arg Glu Arg Leu Glu Gln Ser Arg Leu  
290 295 300

Leu Ile Pro Lys Ser Tyr Lys Glu Lys Gln Ala Leu Ala Ala Arg Gln  
305 310 315 320

Lys Tyr Lys Gln Ala Leu Ile Arg Ile Gln Phe Pro Asp Gly Val Ile  
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Leu Gln Gly Val Phe Leu Pro Ala Glu Pro Ile Ser Ser Leu Tyr Glu  
340 345 350

Phe Val Ala Ser Ser Leu Lys Gln Pro Ser Leu Glu Phe Asp Leu Ile  
355 360 365

Cys Pro Ala Gly Pro Arg Thr Arg Val Ile Pro Pro Phe Pro Lys Pro  
370 375 380

Gly Glu Gln Ala Arg Thr Leu Arg Asp Glu Asp Leu Val Pro Ser Ala  
385 390 395 400

Arg Leu Thr Phe Lys Pro Lys Glu Thr Asp Ser Val Val Phe Thr Gly  
405 410 415

Leu Leu Asp Glu Leu Leu Glu Thr Ser Glu Pro Phe Thr Ser Ala Ser  
420 425 430

Ser